

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
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Date Submitted to PTO: April 22, 1999

ATTY DOCKET NO.
017835/0342S. NO.
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APPLICANT
Bruno FRANCOEUR et al.FILING DATE
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Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Col	A1	4,670,833	08/02/87	Sachs	363	132	
Col	A2	4,755,910	07/05/88	Val	361	401	
Col	A3	4,907,068	03/06/90	Amann et al.	357	74	
Col	A4	5,043,859	08/27/91	Korman et al.	363	147	
Col	A5	5,132,896	07/21/92	Nishizawa et al.	363	144	
Col	A6	5,142,439	08/25/92	Huggett et al.	361	321	
Col	A7	5,170,337	12/08/92	Borowiec et al.	363	147	
Col	A8	5,202,578	04/13/93	Hidemitsu	257	685	
Col	A9	5,313,363	05/17/94	Arbanas	361	710	
Col	A10	5,347,158	09/13/94	Matsuda et al.	257	691	
Col	A11	5,414,616	05/09/95	Hatozaki	363	132	
Col	A12	5,424,579	06/13/95	Arai et al.	257	690	
Col	A13	5,430,326	07/04/95	Miyashita	257	690	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER Gary L. LaxtonDATE CONSIDERED 10-26-04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Cal</i>	A14	5,444,295	08/22/95	Lake et al.	257	678	
<i>Cal</i>	A15	5,457,604	10/10/95	Ando	361	707	
<i>Cal</i>	A16	5,459,356	10/17/95	Schulze et al.	257	773	
<i>Cal</i>	A17	5,471,089	11/28/95	Nagatomo et al.	257	691	
<i>Cal</i>	A18	5,493,472	02/20/96	Lavene	361	329	
<i>Cal</i>	A19	5,512,790	04/30/96	Lachenmaier et al.	307	112	
<i>Cal</i>	A20	5,523,620	06/04/96	Eytcheson et al.	257	690	
<i>Cal</i>	A21	5,528,073	06/18/96	Gilmore	257	584	
<i>Cal</i>	A22	5,541,453	07/30/96	Stockmeier et al.	257	723	
<i>Cal</i>	A23	5,563,447	10/08/96	Lake et al.	257	724	
<i>Cal</i>	A24	5,574,312	11/12/96	Bayerer et al.	257	706	
<i>Cal</i>	A25	5,616,955	04/01/97	Yamada et al.	257	690	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>Cal</i>	A26	0427143	11/02/90	Europe			abstract
<i>Cal</i>	A27	0621635	04/21/94	Europe			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER *Cooley L. Laxton*DATE CONSIDERED *10-26-04*

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>Col</i>	A28	0688092	06/12/95	Europe			
<i>Col</i>	A29	2261768	05/26/93	United Kingdom			
<i>Col</i>	A30	6-225545	08/12/94	Japan		abstract	

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Col</i>	A31		Upchurch et al., "Bus Bars Improve Power Module Interconnections," Power Conversion & Intelligent Motion: The Fusion of Power & Motion Tech. & Applns., Vol. 21, No. 4, pp. 18 & 22-25, Apr. '95.
<i>Col</i>	A32		Anderson et al., "Advanced Power Module using GaAs Semiconductors, Metal Matrix Composite Packaging Material, and Low Inductance Design," IEEE Int. Symposium on Power Semiconductor Devices & IC's, pp. 21-24, 1994.
<i>Col</i>	A33		Stockmeier et al., "Reliable 1200 Amp 2500 V IGBT Modules for Traction Applications," IEE Colloquium (Digest), #81, pp. 3/1-3/13, 1995.
<i>Col</i>	A34		Medaule et al., "Latest Technology Improvements of Mitsubishi Modules," IEE Colloquium (Digest), #146, pp. 5/1-5/5, 1996.
<i>Col</i>	A35		Shinohara et al., "A Novel Low-Profile Power Module Aimed at High-Frequency Applications," ISPSD Proceedings, 8th Int'l. Symposium on Power Semiconductor Devices and ICs, pp. 321-324, May 1996.
<i>Col</i>	A36		Takahashi et al., "Toward 99% Efficiency for Transistor Inverters," IEEE Industry Applications Magazine, Vol. 2, pp. 39-46, November/December 1996.

EXAMINER *Gary L Layton*DATE CONSIDERED *10-26-04*

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